



**HUNGARIAN  
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# Using data linkage for producing refugee statistics

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# Aim of the presentation

- Utilization of administrative data sources
- Using of usual residence definition
- How usual residence definition can be applied for refugee population?

# Resident population based on usual residence definition

$$\text{population} = \text{Hungarians} + \text{foreigners}$$



stock



National Directorate-general for Aliens Policing

EEA countries

- registration certificate
- (permanent) residence card

register of EEA citizens

+

third-country nationals

- (permanent) residence permit

register of residence permits

+

refugees

recognized refugees and persons taken under temporary protection

Ministry of Interior



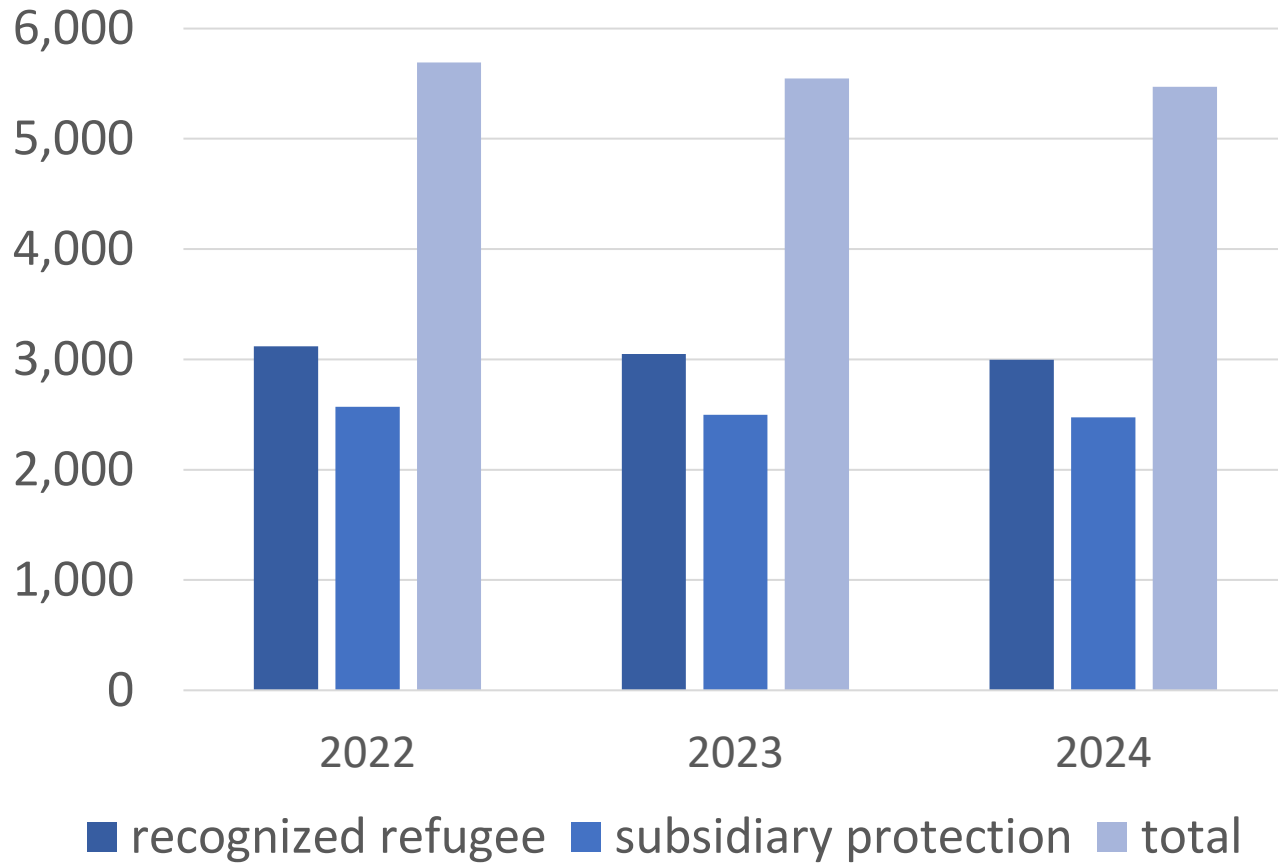
# Establishing the number of refugees and persons taken under subsidiary protection

- deterministic statistical matching of two data sources
- using the signs of life method
- two data sources: Ministry of Interior's register of refugees and persons taken under subsidiary protection and National Health Insurance Fund's register
- why this method? our presupposition was that the usually resident refugee population in Hungary is lower than the figures based on MI's data

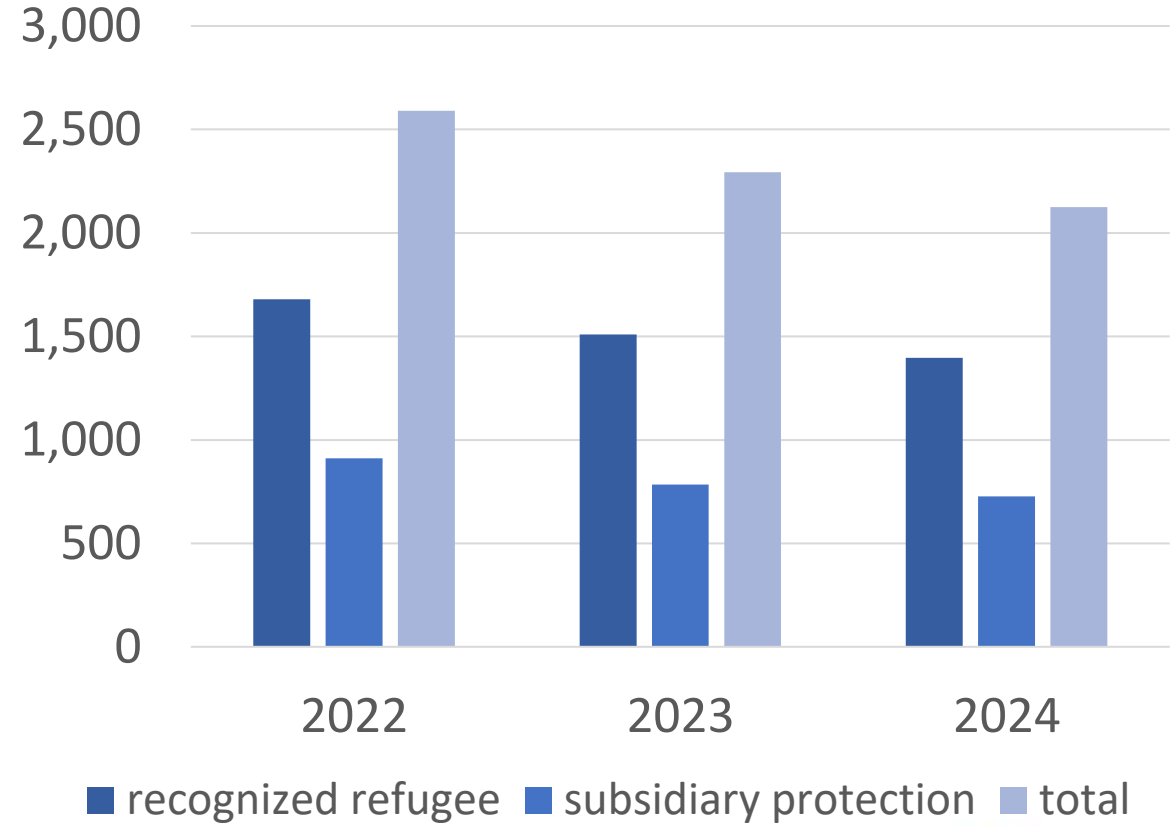


# Using of signs of life method

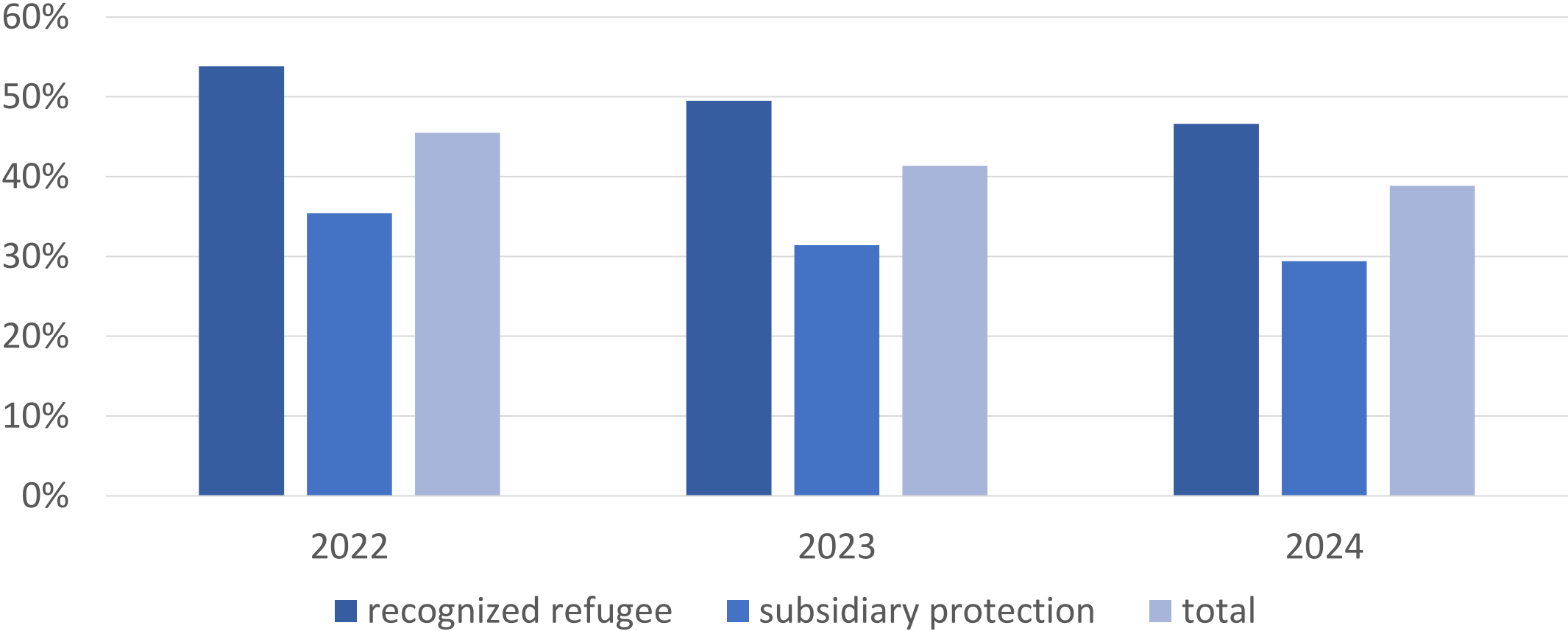
## Original refugee related population from MI



## Original linked with health insurance data



# Relativ difference between original data and linked data





**Thank you for your attention!**

